

Statewide Radio Feasibility Study

(SIRN)

Presented by Tom Harris

SIEC Chair Mike Ressler

What is SIRN?

Statewide Interoperable Radio Network (SIRN-pronounced **siren**)

- Statewide - strategic planning and implementation among all emergency responders and designated public-service organizations that serve the residents of the State (Establishing Governance to Achieve Statewide Communications Interoperability, Dec 2008, Guide for Statewide Communication Interoperability Plan, DHS)
- Interoperability - ability of public safety and support providers – law enforcement, firefighters, EMS, emergency management, the public utilities, transportation, and others – to communicate with other responding agencies, to exchange voice and/or data communications on demand and in real-time (AGILE, March 2003, Guide to Radio Communications Interoperability Strategies, NLECTC-NE)

What is SIRN?

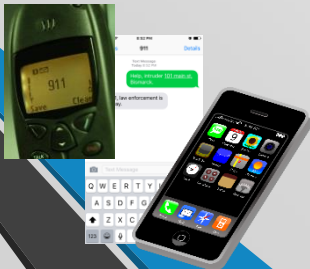
Interoperability? How?

- Day-to-day interoperability – routine public safety operations
- Mutual aid interoperability – joint and immediate response to accidents, incidents and natural disasters
- Task force interoperability – Agencies collaborating for an extended period of time to address a particular problem

What is SIRN?

- **SIRN IS NOT**
 - Broadband wireless for data (FirstNet)
 - A new way for public to alert responders of a need, response or threat (NG 911)
- **SIRN IS**
 - An interoperable solution that will improve the ability of responders to communicate via radio and coordinate across organizations, boundaries
 - First responder and coordinator mission critical communication tool

Public communicates need



Responders informed



Coordinate seamlessly



Recap from June 2015

- 64th Assembly issues direction after reviewing the results of an exploratory study
- Added \$1.5M to the 2015-2017 budget to fund a feasibility study
- Assigned to ITD to work in partnership with the SIEC

Recap from June 2015

- Must address the following:
 - Asset sharing
 - Cost Sharing
 - Governance
- ITD promises to:
 - Assign a project manager to guide the study
 - Drive direct engagement with the community
 - Address concerns of Legislature

SIRN 20/20 SUPPORTERS

North Dakota Statewide Interoperability Executive Committee

North Dakota 911 Association: STEPS Subcommittee

North Dakota Fire Chief's Association

North Dakota Association of Public Safety Communications Officials

North Dakota Highway Patrol

North Dakota Department of Emergency Services

North Dakota Information Technology Department

North Dakota Department of Transportation

North Dakota Peace Officers Association

North Dakota Emergency Management Association

North Dakota Sheriff's and Deputies Association

North Dakota EMS Association

Emergency Services Communications Coordinating Committee

Since then...

- Moved out on
 - Framing the study
 - Hiring professional staff to get the work done
 - Initiating work with SIEC-represented organizations
 - Initiating effort to work with other public safety offices
 - Establishing a team of subject matter experts in order to reach into public safety communities
 - Defining the mission

SIRN Mission and Vision

MISSION: Work collaboratively to build consensus and determine feasibility of a public safety radio solution including a strategic plan for procurement, implementation, and operation of an interoperable current generation statewide radio and dispatch system

VISION: A statewide integrated and interoperable mission critical land mobile radio (LMR) network solution assisting public safety personnel in their ability to communicate effectively and reliably while carrying out their duties



Provided courtesy of the City of Fargo, ND

Determine value...

Lead a solution...

- Conduct an assessment of market options and public safety preferences
- Communicate our intent to EVERYONE
- Capture the needs and concerns of the public safety community
- Study options for delivering a solution not just a system

The SIRN Study Needs to Determine...

- What does the Public Safety community require? (What is necessary)
- What we are willing to contribute in order to make this happen (time, money, resources)
- How we can collaboratively manage an acceptable solution (how to govern)
 - Should be able to not only buy a system
 - Must be able to support it, sustain it, train it, retain it (project/product managers sometimes call this the “-ilities”)
- How do we collectively pay for this (total ownership cost)
- What to take back to the next Assembly



Federal Emergency Management Agency news photo

SIRN Solution Goals

- Frame a fiscally responsible solution for implementing statewide, interoperable, radio communications
- Define and establish a representative governing organization that considers and incorporates the views of all stakeholders as appropriate
- Provide a model that enables all stakeholders to gain and maintain access to resources, training, and systems based on their need
- Define the basis for the continued and collaborative resourced support of an operational, statewide solution

Schedule and Objectives

- Finalizing acquisition of professional services contract now
- Bulk of the outreach and collaboration will take place between now and the end of May 2016
- Communication exchange with public safety communities and local/county/tribal/state offices will be the key to successfully capturing a solution
- 1st schedule objective is to deliver a holistic recommendation to the Governor in time to support the 2017-2019 budget planning cycle
- 2nd schedule objective is to deliver the final recommendations, a program plan and supporting details to the 65th Legislative Assembly

Final Thoughts

- How can you help?
- Your questions?



Provided courtesy of the ND 9-1-1 Association